

NOTE:
MD 2-4 IS ASSUMED TO RUN IN
A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

7.8

FIREHOUSE
SIGNAL

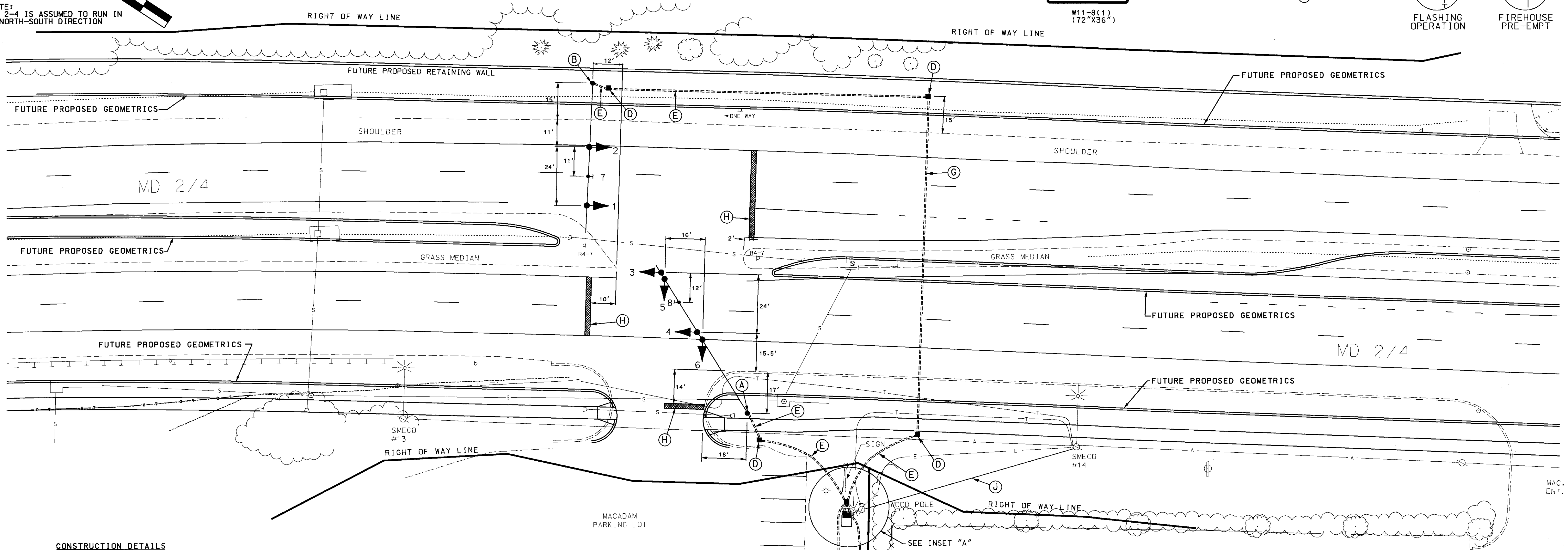
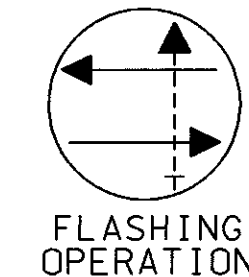
W11-8(1)
(72"x36")

PROPOSED SIGNALS

1-6

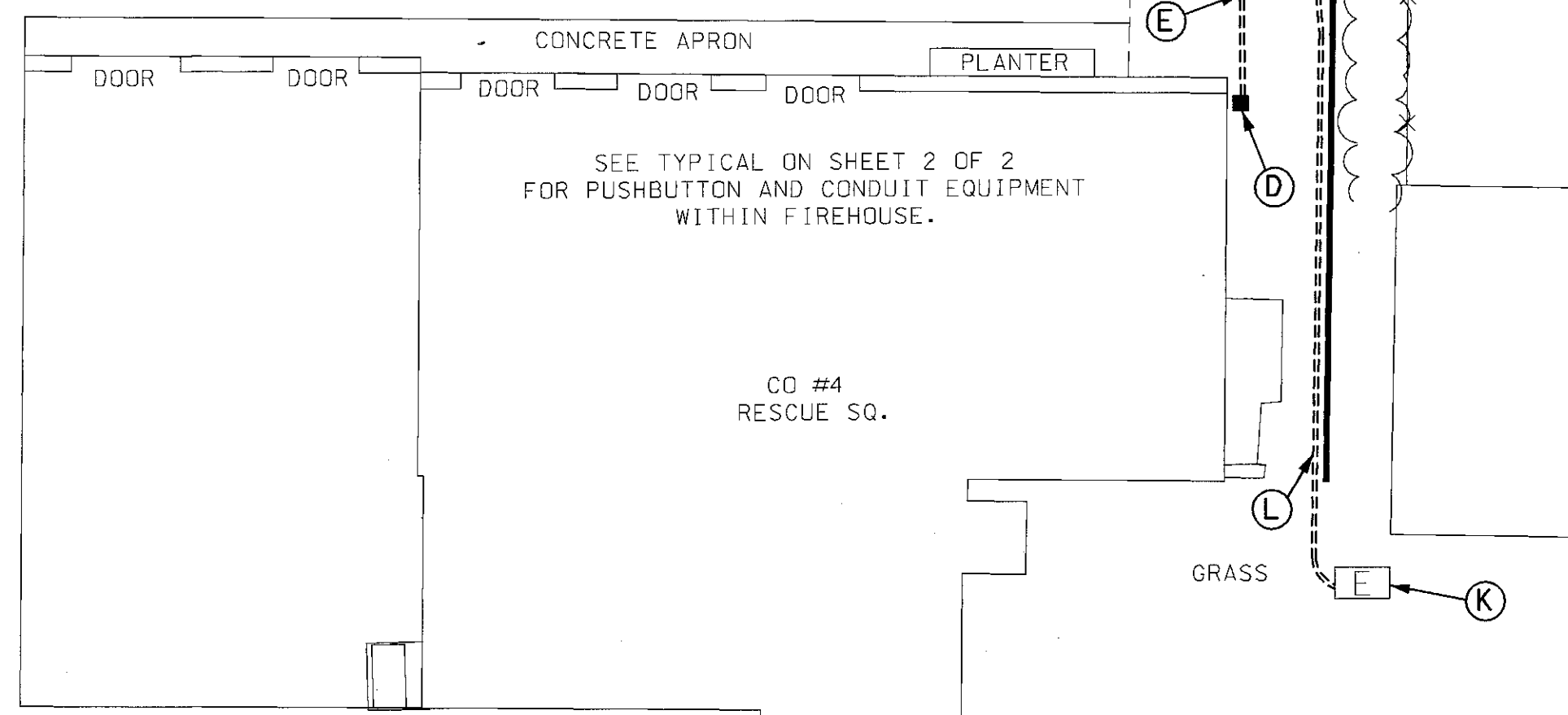
R 12"
Y 12"
Y 8"

NEMA PHASING

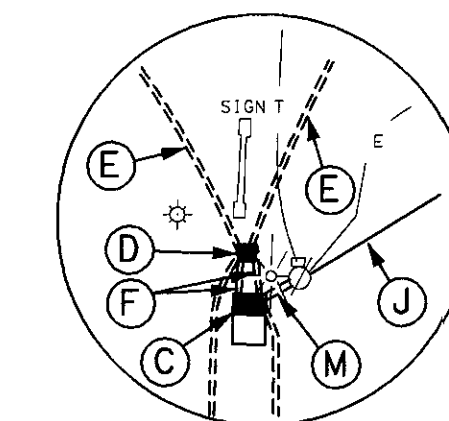


CONSTRUCTION DETAILS

- Install 27' steel pole with a 70' mast arm, traffic signal heads and signs as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.) The top of the foundation must be equal to the top of the curb along MD 2/4.
- Install 27' steel pole with a 60' mast arm, traffic signal heads and signs as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- Install NEMA size "6" base-mounted cabinet and controller with control and distribution and all necessary equipment as shown.
- Install handhole.
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored). NOTE: The conduit must be bored at a minimum depth of 3' to avoid conflicts with the future proposed roadwork on MD 2 / 4.
- Install 24" white, heat applied permanent preformed thermoplastic pavement marking.
- Proposed overhead telephone drop to be installed by Verizon.
- Transformer for the underground service to be installed by SMECO.
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service by SMECO.
- Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) and a stub for electrical service VERIZON.



SEE INSET "A"



GENERAL NOTES

- THE CONTRACTOR MUST PLACE ALL EQUIPMENT WHERE SHOWN UNLESS OTHERWISE DIRECTED BY MR. BRUCE THOMPSON OF THE OFFICE OF TRAFFIC AT 410-787-4034. THE EQUIPMENT SHOWN IS LOCATED TO AVOID CONFLICTS WITH THE PROPOSED GEOMETRICS AND HYDRAULICS ASSOCIATED WITH THE MD 2 / 4 WIDENING PROJECT (SHA NO. CA-413A22).
- FOR TYPICAL OF INSIDE RESCUE SQUAD SEE SHEET 2 OF 2.

GEOMETRIC LEGEND

PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

ST
STREET TRAFFIC STUDIES, LTD.
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Glen Burnie, MD 21061
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4088.dgn

TASK 34

REVISIONS

APPROVALS

Markus R. ... 5/16/02
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
... 5/16/02
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
... 5/16/02
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
... 5/16/02
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 2/4 AND PRINCE FREDERICK
VOLUNTEER RESCUE SQUAD

DRAWN BY: W J NIES	F.A.P. NO. AC-STPC-000S(788)E	TS NO. 4144	SHEET NO. 1 OF 2
CHECKED BY: R R ZACHERL	S.H.A. NO. CA420852/852		
SCALE: 1"= 20'	COUNTY: CALVERT	T.I.M.S. NO. E868	
DATE: 4-26-02	LOG MILE: 04002019.44		